

Title (en)
ANTI-TUMOR BIVALENT PLATINUM COMPLEX AND PREPARATION METHOD FOR COMPLEX AND LIGAND OF COMPLEX

Title (de)
BIVALENTER ANTI-TUMOR-PLATINKOMPLEX UND HERSTELLUNGSVERFAHREN FÜR DEN KOMPLEX UND LIGAND DES KOMPLEXES

Title (fr)
COMPLEXE DU PLATINE BIVALENT ANTITUMORAL ET PROCÉDÉ DE PRÉPARATION D'UN COMPLEXE ET D'UN LIGAND DE COMPLEXE

Publication
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Application
EP 13851191 A 20130829

Priority
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• CN 2013082513 W 20130829

Abstract (en)
[origin: EP2913335A1] Platinum complexes containing 3-ketone cyclobutane 1,1-dicarboxylic acid as leaving group for treating cancers and a preparation method of the complexes, one of the platinum complexes is cis-[3-ketone cyclobutane-1,1-dicarboxylic acid radical-diamineplatinum (II)], GSH-5 for short, the chemical structure formula is expressed by formula (1). The other platinum complex is cis-[3-ketone-cyclobutane-1,1-dicarboxylic acid radical- trans-1,2-cyclohexanediamineplatinum (II)], GSH-6 for short, the chemical structure formula is expressed by formula (2). In the formula (2), two chiral carbon atoms marked with * in the trans-1,2-cyclohexanediamine group are both of R forms or S forms.

IPC 8 full level
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CPC (source: EP US)
A61K 31/282 (2013.01 - US); **A61P 35/00** (2017.12 - EP); **C07F 15/00** (2013.01 - US); **C07F 15/0066** (2013.01 - EP US); **C07F 15/0093** (2013.01 - US)

Citation (search report)
• [A] WO 2004099224 A1 20041118 - UNIV REGENSBURG [DE], et al
• [A] CN 101967163 A 20110209 - KUNMING INST OF PRECIOUS METAL, et al
• [XP] CN 102924528 A 20130213 - UNIV SOUTHEAST
• See references of WO 2014067336A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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